

BID FORMSubmitted To: Fulton County Government

Submitted By: _____

For: **S221 – Big Creek Basin to Cobb Diversion Force Main**

Submitted on _____, 20__.

The undersigned, as Bidder, hereby declares that the only person or persons interested in the Bid as principal or principals is or are named herein and that no other person than herein mentioned has any interest in this Bid or in the Contract to be entered into; that this Bid is made without connection with any other person, company or parties making a Bid; and that it is in all respects fair and in good faith without collusion or fraud.

The Bidder further declares that he has examined the site of the work and informed himself fully in regard to all conditions pertaining to the place where the work is to be done; that he has examined the Drawings and Specifications for the work and contractual documents relative thereto, and has read all instructions to Bidders and General Conditions furnished prior to the openings of bids; that he has satisfied himself relative to the work to be performed.

The Bidder proposes and agrees, if this Bid is accepted, to contract with the Board of Commissioners of Fulton County, Atlanta, Georgia, in the form of contract specified, to furnish all necessary materials, equipment, machinery, tools, apparatus, means of transportation and labor necessary, and to complete the construction of the work in full and complete accordance with the shown, noted, and reasonably intended requirements of the Specifications and Contract Documents to the full and entire satisfaction of the Board of Commissioners of Fulton County, Atlanta, Georgia, with a definite understanding that no money will be allowed for extra work except as set forth in the attached General Conditions and Contract Documents for the following prices.

THE BASE BID TOTAL IS THE AMOUNT UPON WHICH THE BIDDER WILL BE FORMALLY EVALUATED AND WHICH WILL BE USED TO DETERMINE THE LOWEST RESPONSIBLE BIDDER.

Please make sure that all line items below are accurately calculated and total up to this inclusive amount.

The base bid may not be withdrawn or modified for a period of sixty (60) days following the receipt of bids.

BASE BID TOTAL, ITEMS 1 THROUGH 24 (BELOW), INCLUSIVE, THE AMOUNT OF: _____

DOLLARS (\$_____).

Make sure that all line items below are accurately calculated and total up to the inclusive BASE BID TOTAL amount entered on Page 1.

Method of Bidding

The unit or lump sum price for each of the several items in the Bid of each Bidder shall include its pro rata share of overhead and profit so that the sum of the products, obtained by multiplying the quantity shown for each item by the unit price, represents the total Bid. Any Bid not conforming to this requirement may be rejected. Additionally, Unbalanced Bids or conditional Bids will be subject to rejection. The special attention of all Bidders is called to this provision, for should conditions make it necessary to revise the quantities, no limit will be fixed for such increased or decreased quantities nor extra compensation allowed.

Item No.	Description	Approx. Quantity	Unit	Unit Price	Extension
(1)	Grassing	0.5	ACRE	\$ _____	\$ _____
(2)	Rock Excavation				
A.	Trench Rock Base Cost	100	CY	\$ _____	\$ _____
B.	Trench Rock Premium Cost	100	CY	\$ _____	\$ _____
(3)	Sewer Main				
A.	DIP Sewer Main				
1.	12" Class 350 DIP	2,272	LF	_____	\$ _____
B.	DIP Sewer Main w/ Restrained Joints				
1.	8" Class 350 RJ DIP	50	LF	\$ _____	\$ _____
2.	12" Class 350 RJ DIP	480	LF	\$ _____	\$ _____
(4)	Fittings	1.5	TONS	\$ _____	\$ _____
(5)	Polyethylene Encasement				
A.	Single Encasement – 12-inch DIP	2,452	LF	\$ _____	\$ _____
B.	Double Encasement – 12-inch DIP	300	LF	\$ _____	\$ _____
(6)	Plug Valves				
A.	8" Plug Valve	1	EA	\$ _____	\$ _____

(7)	Connection into Existing 36-inch Sewer Main				
A.	36" x 12" Tapping Sleeve & Valve	1	EA	\$	\$
(8)	Air Release Valve(s)				
A.	2-inch	1	EA	\$	\$
(9)	Pre-Cast MH for Air Release Valve				
A.	5-Foot Diameter MH	1	LS	\$	\$
(10)	Concrete Pipe Encasement	24	CY	\$	\$
(11)	Bore and Jack Casings				
A.	18" Steel Casing	40	LF	\$	\$
(12)	Remove & Replace Pavement				
A.	FC Standard Utility Cut Replacement	1,472	SY	\$	\$
B.	Asphalt Resurfacing	6,880	SY	\$	\$
(13)	Pavement Marking and Striping	9,030	LF	\$	\$
(14)	Remove and Replace Curb & Gutter	50	LF	\$	\$
(15)	Metering/SCADA System Assembly and Vault	1	LS	\$	\$
(16)	Sodding	100	SY	\$	\$
(17)	Construction Exit	1	LS	\$	\$
(18)	Double Type C Silt Fence	3,300	LF	\$	\$
(19)	Inlet Filters	52	LF	\$	\$
(20)	Rip Rap	100	SY	\$	\$

(21)	Chain Link Fencing	50	LF	\$ _____	\$ _____
(22)	Concrete Thrust Blocking				
	A. Upward Thrust Blocking	15	CY	\$ _____	\$ _____
	B. Horizontal & Downward Thrust Blocking	10	CY	\$ _____	\$ _____
*** ADDITIONAL WORK IF ORDERED BY THE ENGINEER ***					
(23)	Trench Stabilization - Beyond Bedding	100	CY	\$ _____	\$ _____
(24)	Cash Allowances				
	A. Soil, Asphalt and Concrete Testing	1	LS	\$ 10,000.00	\$ 10,000.00
	B. Materials Testing	1	LS	\$ 5,000.00	\$ 5,000.00
	C. Blasting Monitoring	1	LS	\$ 5,000.00	\$ 5,000.00
	D. Utility Conflict Resolution	1	LS	\$ 30,000.00	\$ 30,000.00
	E. Erosion / NTU Monitoring	1	LS	\$ 30,000.00	\$ 30,000.00

The Bidder agrees hereby to commence work under this Contract, with adequate personnel and equipment, on a date to be specified in a written order of the Contracting Officer and to fully complete all work under this Contract within **120** consecutive calendar days from and including said date.

The Bidder declares that he understands that the quantities shown for the unit prices items are subject to either increase or decrease, and that should the quantities of any of the items of work be increased, the Bidder proposes to do the additional work at the unit prices stated herein; and should the quantities be decreased, the Bidder also understands that payment will be made on the basis of actual quantities at the unit price bid and will make no claim for anticipated profits for any decrease in quantities; and that actual quantities will be determined upon completion of work, at which time adjustments will be made to the contract amount by direct increase or decrease.

In case of discrepancies between the figures shown in the unit prices and the totals, the unit prices shall apply and the totals shall be corrected to agree with the unit prices. In case of discrepancies between written amounts and figures, written amounts shall take precedence over figures and the sum of all Bid extensions (of unit prices) plus lump sum items shall take precedence over BID TOTAL.

The Bidder furthermore agrees that, in the case of a failure on his part to execute the Contract Agreement and Bonds within ten (10) days after receipt of conformed contract documents for execution, the Bid Bond accompanying his bid and the monies payable thereon shall be paid into the funds of the Owner as liquidated damages for such failure.

Enclosed is a Bid Bond in the approved form, in the sum of: _____

_____ Dollars

(\$ _____) according to the conditions of "Instructions to Bidders" and provisions thereof.

The undersigned acknowledges receipt of the following addenda (list by the number and date appearing on each addendum) and thereby affirms that its Bid considers and incorporates any modifications to the originally issued Bidding Documents included therein.

ADDENDUM # _____ DATED _____

ADDENDUM # _____ DATED _____

ADDENDUM # _____ DATED _____

ADDENDUM # _____ DATED _____

BIDDER: _____By: _____
[Name Typed or Printed]_____
[Name Signed]

Title: _____

Business Address: _____

Business Phone: _____

Bidder's Contractor License No: _____
[State/County]

License Expiration Date: _____

Note: If the Bidder is a corporation, the Bid shall be signed by an officer of the corporation; if a partnership, it shall be signed by a partner. If signed by others, authority for signature shall be attached.

The full name and addresses of persons or parties interested in the foregoing Bid, as principals, are as follows:

Name	Address
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

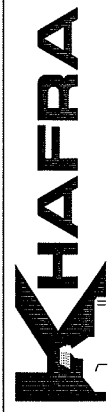
The Bidder shall list below work done of a similar nature to that Bid for, as references that will afford the Owner opportunity to judge the Bidder's experience and skill.

PROJECT NAME

OWNER'S NAME

OWNER'S
REPRESENTATIVE'S
TELEPHONE

END OF SECTION



230 PEACHTREE STREET, SUITE 200
ATLANTA, GEORGIA 30303
PHONE (404) 525-2120
FAX (404) 522-7941



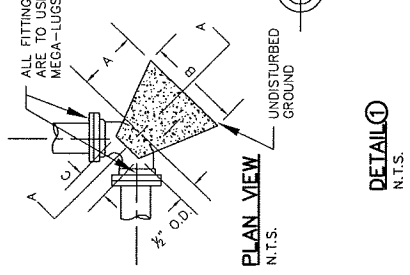
BIG CREEK BASIN
TO COBB COUNTY DIVERSION
FORCE MAIN
WATER SYSTEM IMPROVEMENTS

FIG. 1

PROJ. NO. 01107.42
DRAWN BY: DMML
DATE: 07/03/07
SHEET NO. 1

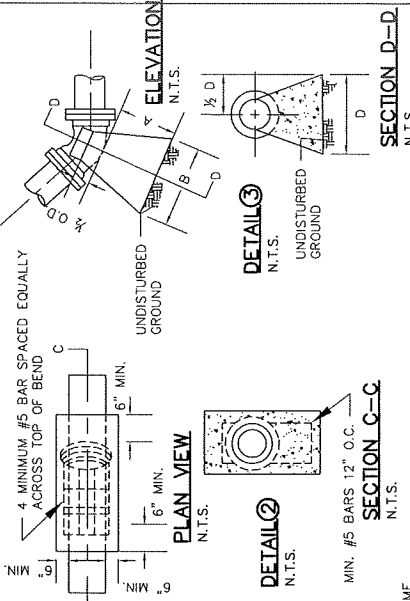
THRUST BLOCKS DETAILS
FOR PIPE 20" OR SMALLER
NTS

- GENERAL NOTES:
1. THRUST BLOCK DIMENSIONS ARE BASED ON 2000 LB. PER SQ. FT. BEARING PRESSURE. MINIMUM 18" DEEP SOIL TEST PRESSURE. ACTUAL INSIDE DIAMETER OF DUCTILE IRON PIPE CLASS 52 USED AS STANDARD.
 2. SOIL CONDITIONS SHALL BE VERIFIED BY ENGINEER BEFORE THRUST BLOCK IS CONSTRUCTED WHERE SOIL BEARING PRESSURE IS LESS THAN 2000 LB/FT. THRUST BLOCK BEARING AREA SHALL BE INCREASED APPROPRIATELY.
 3. ALL CONCRETE SHALL BE CLASS A, 4000 P.S.I.



DIMENSIONS FOR CONCRETE BLOCKING FOR
BENDS - DOWNWARD THRUST

BEND	SIZE	A (FT)	B (FT)	C (FT)	D (FT)	VOLUME (CU. YD.)
11 1/2°	6"	1.0	1.0	7"	1.0	0.03
	8"	1.0	1.25	7"	1.0	0.04
	12"	1.0	2.0	11"	2.0	0.1
	16"	2.0	3.0	15"	2.0	0.3
22 1/2°	6"	1.0	1.5	7"	1.0	0.04
	8"	1.0	2.0	7"	2.0	0.1
	12"	2.0	3.0	11"	2.0	0.3
	16"	2.0	4.0	15"	3.0	0.6
45°	6"	1.5	2.0	7"	1.5	0.11
	8"	2.0	3.0	7"	2.0	0.3
	12"	2.0	4.0	11"	3.0	0.7
	16"	3.0	5.0	15"	4.0	1.4
90°	6"	2.0	3.0	7"	2.0	0.2
	8"	2.0	4.0	7"	3.0	0.4
	12"	4.0	6.0	11"	4.0	2.1
	16"	4.0	7.0	15"	5.0	5.3
TEE BRANCHES PLUGS & CAPS	6"	1.5	2.0	7"	1.5	0.13
	8"	2.0	3.0	7"	2.0	0.3
	12"	2.0	4.0	11"	4.0	0.8
	16"	3.0	5.0	15"	5.0	1.5



DIMENSIONS FOR CONCRETE
BLOCKING HORIZONTAL THRUST

BEND	SIZE	A (FT)	B (FT)	C (FT)	D (FT)	VOLUME (CU. YD.)
11 1/2°	6"	1.0	1.0	7"	1.0	0.03
	8"	1.0	1.25	7"	1.0	0.04
	12"	1.0	2.0	11"	2.0	0.1
	16"	2.0	3.0	15"	2.0	0.3
22 1/2°	6"	1.0	1.5	7"	1.0	0.04
	8"	1.0	2.0	7"	2.0	0.1
	12"	2.0	3.0	11"	2.0	0.3
	16"	2.0	4.0	15"	3.0	0.6
45°	6"	1.5	2.0	7"	1.5	0.11
	8"	2.0	3.0	7"	2.0	0.3
	12"	2.0	4.0	11"	3.0	0.7
	16"	3.0	5.0	15"	4.0	1.4
90°	6"	2.0	3.0	7"	2.0	0.2
	8"	2.0	4.0	7"	3.0	0.4
	12"	4.0	6.0	11"	4.0	2.1
	16"	4.0	7.0	15"	5.0	5.3
TEE BRANCHES PLUGS & CAPS	6"	1.5	2.0	7"	1.5	0.13
	8"	2.0	3.0	7"	2.0	0.3
	12"	2.0	4.0	11"	4.0	0.8
	16"	3.0	5.0	15"	5.0	1.5

CONCRETE REQUIRED TO
RESIST UPWARD THRUST

BEND	SIZE	VOLUME (CU. YD.)	NO. OF VERT. BARS REQ'D.
11 1/2°	6"	0.3	2
	8"	0.5	2
	12"	1.4	2
	16"	2.4	3
22 1/2°	6"	0.7	2
	8"	1.2	2
	12"	2.7	2
	16"	4.8	3
45°	6"	1.2	2
	8"	2.2	2
	12"	4.9	2
	16"	8.8	3
90°	6"	1.8	2
	8"	3.1	2
	12"	7.0	3
	16"	12.4	3

FULTON COUNTY STANDARD 901 STANDARD THRUST BLOCKS FOR WATER	BY: _____ REVISION: _____ DATE: _____	SCALE: _____ DATE: _____	DSC/DRN/CHKD: CJP APPROVED: _____ DATE: 1-19-03	FULTON COUNTY PUBLIC WORKS 141 PRYOR ST. ATLANTA, GA. 30303 404-730-7400 FAX: 730-6325	DWG. NO. 901	SHEET: OF:
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